

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method comprising:
resolving a display into at least two regions; and
generating a different sequence of characteristic values each corresponding to a primary color in each of said regions ~~while~~ until ~~resolving~~ the position of a sensor with respect to said regions is determined.

Claims 2-4 (canceled)

Claim 5 (currently amended): The method of claim 1 [[3]] including generating a different sequence of only two color values.

Claim 6 (original): The method of claim 1 including displaying a series of frames and interspersing, among said frames, additional frames having at least two regions each displaying a sequence of characteristic values.

Claim 7 (original): The method of claim 6 including displaying said additional frames in a fashion such that they are substantially undetectable by the user.

Claim 8 (original): The method of claim 1 including generating a different sequence of characteristic values by displaying a time sequence of frames each including at least two regions, and each of said regions displaying a timed sequence of characteristic values.

Claim 9 (original): The method of claim 8 including interspersing frames containing said characteristic values and frames not containing said characteristic values.

Claim 10 (original): The method of claim 1 including developing a sequence using fewer characteristic values than the number of regions.

Claim 11 (currently amended): An article comprising a medium storing instructions that enable a processor-based system to:

resolve a display into at least two regions; and

generate a different sequence of characteristic values each corresponding to a primary color in each region ~~while resolving~~ until the position of a sensor with respect to said regions is determined.

Claims 12-13 (canceled)

Claim 14 (original): The article of claim 11 further storing instructions that enable the processor-based system to generate a different sequence of color values in each region.

Claim 15 (currently amended): The article of claim 11 ~~[[14]]~~ further storing instructions that enable the processor-based system to generate a different sequence of at least three color values in each region.

Claim 16 (canceled)

Claim 17 (original): The article of claim 11 further storing instructions that enable the processor-based system to cause a series of frames to be displayed while interspersing, among said frames, additional frames having at least two regions each displaying a sequence of characteristic values.

Claim 18 (currently amended): The article of claim 11 further storing instructions that enable the processor-based system to generate the ~~the~~ [[a]] different sequence of characteristic values by displaying a time sequence of frames each including at least two regions, and each of said regions displaying a time sequence of characteristic values.

Claim 19 (original): The article of claim 18 further storing instructions that enable the processor-based system to intersperse frames containing said characteristic values and frames not containing said characteristic values.

Claim 20 (currently amended): A system comprising:

a processor;

a memory coupled to said processor, said memory storing instructions that enable the system to resolve a display into at least two regions and generate a different sequence of characteristic ~~value~~ values each corresponding to a primary color in each region ~~during said resolve~~ until the position of a sensor is determined.

Claim 21 (currently amended): The system of claim 20 ~~including a~~ wherein the display is coupled to said processor.

Claims 22-25 (canceled)

Claim 26 (currently amended): The system of claim ~~[[24]]~~ 20 wherein said ~~storage memory~~ stores instructions that enable the system to generate a different sequence of only two color values in each region.

Claim 27 (currently amended): The system of claim 20 wherein said ~~storage memory~~ stores instructions that enable the system to cause a series of frames to be displayed while interspersing, among said frames, additional frames having at least two regions each displaying a sequence of characteristic values.

Claim 28 (currently amended): The system of claim 20 wherein said ~~storage memory~~ stores instructions that enable the system to generate a different sequence of characteristic values by displaying a time sequence of frames each including at least two regions, and each of said regions displaying a time sequence of characteristic values.

Claim 29 (canceled)

Claim 30 (currently amended): The system of claim 20 ~~[[29]]~~ wherein said sensor is a light sensor that detects a characteristic value in the form of light.